INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2005/000753

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/29 C12N15/82 C12N15/54 C12N9/10 A01H5/10
A01H5/00 C12N5/10 C12N5/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SMITH ALISON M ET AL: "Starch mobilization in leaves." January 2003 (2003-01), JOURNAL OF EXPERIMENTAL BOTANY, VOL. 54, NR. 382, PAGE(S) 577-583 , XP002289668 ISSN: 0022-0957 Page 580, paragraphe intitulé "Starch phosphorylase"	1-9
X	WO 98/40503 A (KOSSMANN JENS ; FROHBERG CLAUS (DE); PLANTTEC BIOTECHNOLOGIE GMBH (DE)) 17 September 1998 (1998-09-17) cited in the application page 14, line 30 - page 17, line 24; figure 1; example 3	1-9

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
29 July 2005	05/08/2005

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Loubradou, G

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2005/000753

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	SONNEWALD U ET AL: "A SECOND L-TYPE ISOZYME OF POTATO GLUCAN PHOSPHORYLASE: CLONING, ANTISENSE INHIBITION AND EXPRESSION ANALYSIS" PLANT MOLECULAR BIOLOGY, NIJHOFF PUBLISHERS, DORDRECHT, NL, vol. 27, 1995, pages 567-576, XP002044528 ISSN: 0167-4412 cited in the application abstract	5-7
X	WO 98/35051 A (LYNCH DERMOT ROBORG ; ARMSTRONG JOHN DAVID (CA); CANADA AGRICULTURE (C) 13 August 1998 (1998-08-13) abstract; claim 1; example 1	5-7
X	DUWENIG E ET AL: "Antisense inhibition of cytosolic phosphorylase in potato plant (Solanum tuberosum L.) affects tuber sprouting and flower formation with only little impact on carbohydrate metabolism" PLANT JOURNAL, BLACKWELL SCIENTIFIC PUBLICATIONS, OXFORD, GB, vol. 12, no. 2, 1 August 1997 (1997-08-01), pages 323-333, XP002093023 ISSN: 0960-7412 abstract	5-7
X	WO 97/44471 A (MAX PLANCK GESELLSCHAFT ; KOSSMANN JENS (DE); DUWENIG ELKE (DE); STEUP) 27 November 1997 (1997-11-27) abstract; examples 1-3	5-7
X	DUWENIG E ET AL: "THE ROLE OF STARCH PHOSPHORYLASE IN POTATO: THE FUNCTIONAL ANALYSIS OF AN ENIGMATIC ENZYME" PLANT PHYSIOLOGY, AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS, ROCKVILLE, MD, US, vol. 111, no. 2, 1 June 1996 (1996-06-01), page 48, XP002070972 ISSN: 0032-0889 the whole document	5-7
A	WO 01/00833 A (AGRONOMIQUE INST NAT RECH ; PELLETIER GEORGES (FR); HOFFMANN BEATE (FR) 4 January 2001 (2001-01-04) abstract; figure 9	8,9
A	US 2003/135883 A1 (SINGLETARY GEORGE W ET AL) 17 July 2003 (2003-07-17) page 2 '0019! et '0021!, et page 3 '0052! et '0053!	

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Information on patent family members

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